

Converting Colors

XYZ(28.9850, 29.1155, 38.0517)

Have a look what the booklet for
XYZ(28.9850, 29.1155, 38.0517)
contains.

XYZ(29.0414, 29.2490, 38.2974)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(29.0414, 29.2490,
38.2974)**

Conversions

Conversions Part 1

Format	Color
Hex	9591A2
RGB	149, 145, 162
RGB Percent	58%, 57%, 64%
CMY	0.4157, 0.4314, 0.3647
CMYK	0.08, 0.10, 0.00, 0.36
HSL	254°, 8%, 60%
HSV	254°, 10%, 64%
XYZ	29.0414, 29.2490, 38.2974
YIQ	148.1340, -3.0730, 6.1350

Conversions

Conversions Part 2

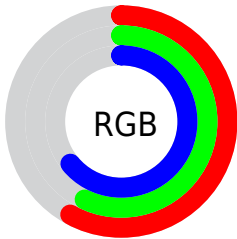
Format	Color
R_{YB}	149, 145, 162
Decimal	9802146
CIE _{Lab}	61.00, 4.87, -8.42
CIE _{LCh}	61, 9.724, 300.037
Yxy	29.2490, 0.3007, 0.3028
Android (android.graphics.Color)	4287992226 (0xFF9591A2)
YUV	148.1340, 6.8359, 0.7595
Hunter-Lab	54.0823, 1.2077, -4.1275

Details

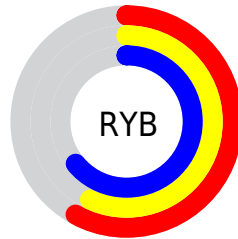
The XYZ color **29.0414, 29.2490, 38.2974** is a light color, and the websafe version is hex **999999**. A complement of this color would be **32.1328, 35.1549, 31.8815**, and the grayscale version is **28.1782, 29.6457, 32.2841**.

A 20% lighter version of the original color is **57.5764, 58.5531, 73.9129**, and **11.9437, 11.9069, 16.4206** is the 20% darker color. If you saturate the color by 10%, you get **24.5990, 23.5430, 37.4306**, and if you desaturate by 10%, it is **34.0791, 35.7874, 39.2944**.

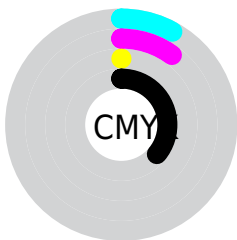
Distribution



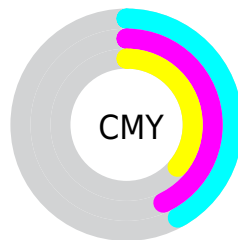
- Red (58%)
- Green (57%)
- Blue (64%)



- Red (58%)
- Yellow (57%)
- Blue (64%)



- Cyan (8%)
- Magenta (10%)
- Yellow (0%)
- Black (36%)



- Cyan (42%)
- Magenta (43%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.0414, 29.2490, 38.2974 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 29.0414, 29.2490, 38.2974 by changing the saturation by 10% instead.

■ 29.0414, 29.2490,
38.2974

■ 29.0414, 29.2490,
38.2974

289.4009,
298.3880, 354.2304

■ 19.2566, 19.2693,
25.9100

■ 57.5400, 58.4725,
73.7722

■ 11.9609, 11.8650,
16.5311

■ 76.9844, 78.4850,
97.6967

■ 6.7891, 6.6518,
9.7424

100.3795,
102.6106, 126.3039

■ 3.3757, 3.2453,
5.1251

128.0904,
131.2336, 160.0124

■ 1.3554, 1.2611,
2.2608

160.4827,
164.7384, 199.2408

■ 0.2241, 0.1108,
0.7092

197.9217,

■ 0.0000, 0.0000,

203.5095, 244.4076

0.0000

240.7726,
247.9313, 295.9312

■ 29.0414, 29.2490,
38.2974

■ 29.0414, 29.2490,
38.2974

■ 24.5990, 23.5430,
37.4306

■ 34.0791, 35.7874,
39.2944

■ 20.7268, 18.6322,
36.6868

■ 39.7305, 43.1863,
40.4246

■ 17.4021, 14.4819,
36.0610

■ 46.0167, 51.4767,
41.6935

■ 14.5992, 11.0534,
35.5469

■ 52.9568, 60.6873,
43.1056

■ 12.2905, 8.3045,
35.1380

■ 60.5691, 70.8453,
44.6650

■ 10.4458, 6.1887,
34.8269

■ 68.8713, 81.9768,
46.3761

■ 9.0312, 4.6534,
34.6051

■ 76.7845, 91.9155,
47.8774

■ 8.0078, 3.6369,
34.4628

■ 81.0360, 94.1073,
48.0763

■ 7.3247, 3.0227,
34.3803

■ 83.5217, 95.3887,
48.1927

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



27.8019, 29.2490, 39.3700



29.0414, 29.2490, 38.2974



29.9713, 29.2490, 35.4716

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



29.0414, 29.2490, 38.2974



29.0386, 29.2490, 26.1612



25.4278, 29.2490, 31.8517

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



29.0414, 29.2490, 38.2974



32.1328, 35.1549, 31.8815

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



25.7367, 29.2490, 28.4785



29.0414, 29.2490, 38.2974



27.7987, 29.2490, 25.3494

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



29.0414, 29.2490, 38.2974



29.9697, 29.2490, 28.4712



26.5951, 29.2490, 26.1652



25.7382, 29.2490, 35.4800

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



29.0414, 29.2490, 38.2974



30.2770, 29.2490, 33.0733



26.5951, 29.2490, 26.1652



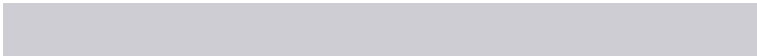
25.4625, 29.2490, 30.6518

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



29.0423, 29.2502, 38.2980



59.4174, 61.7781, 70.8489



30.4322, 33.0944, 38.9668



13.1795, 13.6601, 15.8795



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



29.0423, 29.2502, 38.2980



50.3953, 50.0986, 69.0700



30.6438, 30.0759, 38.3730



6.8492, 6.9366, 8.8810



5.8037, 2.3984, 27.0868



0.1605, 0.0703, 0.5710

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



31.1983, 30.4021, 36.5731



55.2603, 52.6988, 65.1302



30.5241, 34.3256, 31.8062



7.2927, 7.1736, 8.5280



14.6172, 7.2029, 15.7065



0.3236, 0.1579, 0.4166

Previews

White Background



This preview shows how the XYZ color 29.0414, 29.2490, 38.2974 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 29.0414, 29.2490, 38.2974 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

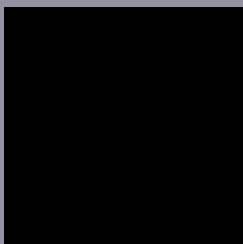
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

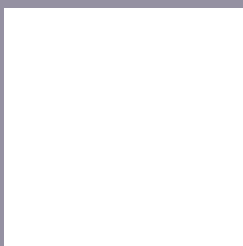
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 29.0414, 29.2490, 38.2974

Background



This preview shows how black text looks on a background with the XYZ color 29.0414, 29.2490, 38.2974.



This preview shows how white text looks on a background with the XYZ color 29.0414, 29.2490,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

29.0414, 29.2490, 38.2974

Protanopia

28.5668, 29.2219, 38.7851

Deuteranopia

29.6705, 29.1236, 38.2400



Tritanopia

28.5774, 29.2880, 36.0452

Trichromacy



Original Color

29.0414, 29.2490, 38.2974

Protanomaly

28.7438, 29.3131, 38.7934

Deuteranomaly

29.4437, 29.2306, 38.2726

Tritanomaly

28.7496, 29.3569, 36.9521

Monochromacy



Original Color

29.0414, 29.2490, 38.2974

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

28.3962, 29.4632, 34.3273

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.0414, 29.2490, 38.2974 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color rgb(149, 145, 162) looks like.

```
.text, #text, p{  
    color:rgb(149, 145, 162)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(149, 145, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 145, 162) }
```

Border

The CSS property to change the border of an element to XYZ 29.0414, 29.2490, 38.2974 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(149, 145, 162) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(149, 145, 162) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(149, 145, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 145, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 145, 162);  
box-shadow:4px 4px 4px 4px rgb(149, 145,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 29.0414, 29.2490, 38.2974 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 145, 162) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(149,  
145, 162) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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